

State Injury Indicators



Poisoning Hospitalizations

Category:	Poisoning Indicators
Demographic Group:	All residents.
Numerator:	Hospitalizations with any of the following ICD-9-CM E-codes identified from the injury hospital discharge subset: E850–E858 (Accidental poisoning by drugs, medicinal substances, and biologicals), E860–E869 (Accidental poisonings by other solid and liquid substances, gases, and vapors), E950–E952 (Suicide and self-inflicted poisoning), E962 (Assault by poisoning), E972 (Injury due to legal intervention by gas), E980–E982 (Poisoning undetermined whether accidentally or purposefully inflicted), E979 (.6–.7) (Terrorism involving biological or chemical weapons)
Denominator:	Midyear population for the calendar year under surveillance.
Measures of Frequency:	Annual number of persons hospitalized. Annual incidence—crude and age-adjusted (standardized by the direct method to the year 2000 standard U.S. population).
Period for Case Definition:	Calendar year.
Background:	In 1999, 21 states reported that hospitalization rates were 4 to 15 times higher than death rates for poisoning-related injuries.*
Limitations of Indicator:	Injuries that result in a hospital admission represent only a portion of the overall burden of injury. Evaluations of these injuries should be considered in the context of both less- and more-severe injuries.
Data Resources:	State hospital discharge data (numerator) and population estimates from the U.S. Census Bureau or suitable alternative (denominator).
Limitations of Data Resources:	The accuracy of indicators based on codes found in hospital discharge data is limited by the completeness and quality of coding. The overall completeness of e-coding is of particular concern and should be reviewed in conjunction with the indicator.
Healthy People 2010 Objectives:	15–7: Reduce nonfatal poisonings
CDC’s Health Protection Goals:	Healthy People in Every Stage of Life: Crosscutting Healthy People in Healthy Places: Healthy Communities Healthy People in Healthy Places: Healthy Homes Healthy People in Healthy Places: Healthy Workplaces Healthy People in Healthy Places: H

*Thomas C, Butler J, Davies M, Johnson R. State Injury Indicators Report, second edition--1999 data. Atlanta (GA): Centers for Disease Control and Prevention, National Center for Injury Prevention and Control; 2004.